

Abstract

The invention relates to a method for manufacturing a measuring device (1)
5 for determining and/or monitoring a process variable of a medium in a
container (2). The measuring device (1) includes: A mechanically oscillatable
unit (5), which is securable via a securement (20) to a sensor housing (15)
and/or to the container (2); and a driver/receiver unit (25), which excites the
mechanically oscillatable unit (5) to oscillate, or receives the oscillations of
10 the mechanically oscillatable unit (5). The invention includes that the
mechanically oscillatable unit (5) is excited to oscillate, that reaction forces
and/or reaction moments are detected, which act on the securement (20) due
to the oscillations of the mechanically oscillatable unit (5), that a report is
issued, when the reaction forces and/or reaction moments exceed
15 predeterminable limit values, and that, in the case of a report, the
mechanically oscillatable unit (5) is adjusted as regards its oscillation
properties. Additionally, the invention relates to a corresponding apparatus
and to a measuring device (1).

20 (Fig. 2)